

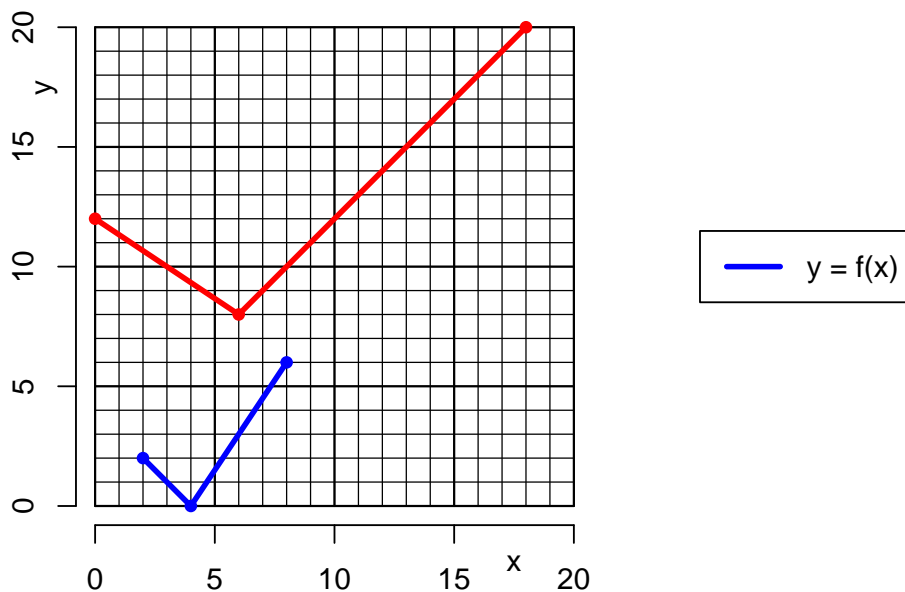
Name: \_\_\_\_\_

Date: \_\_\_\_\_

## PCW\_09\_18 Find new points after transformation (version 34)

### Question 1

Curve  $y = f(x)$  contains points  $(2, 2)$  and  $(4, 0)$  and  $(8, 6)$ , as shown on the  $x$ - $y$  plane below.

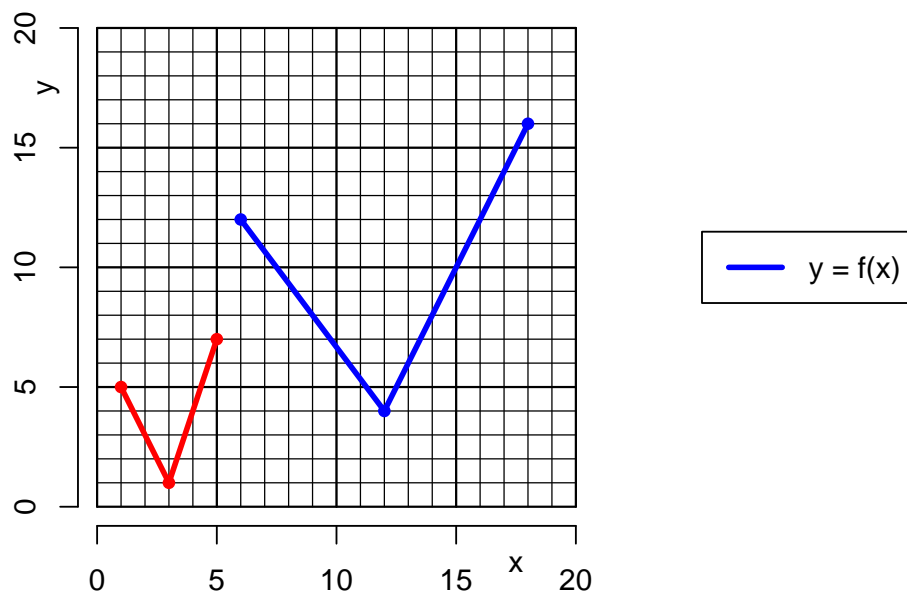


On the same plane, please draw the curve represented by the equation below:

$$y = 2 \left( f \left[ \frac{x+6}{3} \right] + 4 \right)$$

## Question 2

Curve  $y = f(x)$  contains points  $(6, 12)$  and  $(12, 4)$  and  $(18, 16)$ , as shown on the  $x$ - $y$  plane below.



On the same plane, please draw the curve represented by the equation below:

$$y = \frac{f[3x + 3] - 2}{2}$$